

Appl. No. 10/711,035
Amdt. dated July 17, 2006
Reply to Office action of June 19, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

5 1.(original) A repairing method for a liquid crystal display panel comprising:

continuously providing a first pressure to two opposite surfaces of the liquid crystal display panel;

10 continuously providing a second pressure to two opposite surfaces of the liquid crystal display panel, and removing a sealant in a liquid crystal injection area;

15 continuously providing a third pressure to two opposite surfaces of the liquid crystal display panel to press liquid crystal out through the liquid crystal injection area, and cleaning the pressed-out liquid crystal;

sealing the liquid crystal injection area with a fresh sealant and continuously providing a fourth pressure to two opposite surfaces of the liquid crystal display panel; and curing the fresh sealant and removing the fourth pressure.

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2.(original) The repairing method of claim 1, wherein the liquid crystal injection area is a liquid crystal injection hole.

25 3.(original) The repairing method of claim 2, further comprising removing the sealant outside the liquid crystal injection hole before providing the first pressure.

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4.(original) The repairing method of claim 1 wherein the liquid crystal injection area is a portion of a sealing area of the liquid crystal display panel, and an auxiliary structure is formed at an edge of the liquid crystal display panel beside the portion of the sealing area.

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5.(original) The repairing method of claim 4 wherein the auxiliary structure is formed by filling a gap of the liquid crystal display panel with an ultraviolet sensitive material and curing the ultraviolet sensitive material.

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6.(original) The repairing method of claim 4 wherein the liquid crystal display panel is filled up with the liquid crystal utilizing a one-drop-fill method.

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7.(original) The repairing method of claim 1 used for repairing an uneven defect on the liquid crystal display panel caused by a gravity issue.

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8.(original) The repairing method of claim 1 wherein the step of removing the sealant in the liquid crystal injection area utilizes a laser to burn down the sealant.

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9.(original) The repairing method of claim 1 wherein temperature of the liquid crystal display panel is maintained at 20 to 80°C when providing the first pressure.

10.(original) The repairing method of claim 1 wherein temperature of the liquid crystal display panel is maintained at 20 to 80°C when providing the second pressure.

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11.(original) The repairing method of claim 1 wherein temperature of the liquid crystal display panel is maintained at 20 to 80°C when providing the third pressure.

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12.(original) The repairing method of claim 1 wherein the first pressure equals the second pressure.

13.(original) The repairing method of claim 1 wherein the second pressure equals the third pressure.

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14.(withdrawn) The repairing method of claim 1 wherein the third pressure is larger than the fourth pressure, the fourth pressure is larger than the first pressure, and the first pressure is similar to the second pressure.

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